Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10714771".rlan. or ("10".src. and "714771".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/11/03 16:21
S2	12	((YUEH-CHANG) near2 (CHEN)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 19:25
S3	1	S2 & AGC	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 19:44
S4	1069	9 "375/345".CCLS. US-PG USPA USOC		OR	ON	2007/11/03 16:48
S5	59021	59021 AGC "Automatic Gain Control" (Automatic near gain near control\$3)		OR	ON	2007/11/02 19:48
S6	38161	(AGC & gain) "Automatic Gain Control" (Automatic near gain near control\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/21 13:42
S7	32473	(AGC & gain & Automatic) "Automatic Gain Control" (Automatic near gain near control\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/21 13:42
S8	32450	(AGC & gain & Automatic & control\$3) "Automatic Gain Control" (Automatic near gain near control\$3)	US-PGPUB; USPAT; USOCR	OR .	ON	2007/10/21 13:43
S9	335	S8 & (second near multiplex\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/21 14:16
S10	335	S9 & multipl\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/21 13:45
S11	. 273	273 S10 & filter		OR	ON	2007/10/21 13:46
S13	142	S11 & (first near multiplex\$3)	US-PGPUB; USPAT; USOCR	OR	ON .	2007/10/21 14:30
S14	8	8 S11 & ((first near multiplex\$3) with gain)		OR	ON	2007/10/21 13:48
S <u>.</u> 15	11	S8 & (second near multiplex\$3) with constant	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/21 14:18

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S16	224	S5 & (first near multiplex\$3) & (second near multiplex\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/21 14:31
S18	185	S5 & (first adj multiplex\$3) & (second adj multiplex\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/21 17:00
S19	5	S4 & S18	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/21 14:50
S20	180	S18 not S19	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/21 14:51
S21	52	S20 & (filter with multiplexer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/21 14:52
S22	54	(AGC "Automatic Gain Control" (Automatic near gain near control\$3)) & (first adj multiplex\$3) & (second adj multiplex\$3) & (filter with multiplexer)	US-PGPUB; USPAT; USOCR	OR .	ON	2007/10/21 14:54
S23	. 49	(AGC "Automatic Gain Control" (Automatic near gain near control\$3)) & (first adj multiplexer) & (second adj multiplexer) & (filter with multiplexer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/21 14:54 .
S24	39	(AGC "Automatic Gain Control" (Automatic near gain near control\$3)) & (first adj multiplexer) & (second adj multiplexer) & (filter with multiplexer) & @ad<"20021118"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/21 14:55
S26	185	(AGC "Automatic Gain Control" (Automatic near gain near control\$3)) & (first adj multiplex\$3) & (second adj multiplex\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 19:51

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S27	48	("5185657" "5331290" "5572113" "6100680" "6232768" "4262366" "4363977" "4591805" "4876603" "5673327" "5838487" "5841316" "6122083" "4271503" "4402231" "4456889" "4467831" "4543537" "4580287" "4630305" "4933923" "4951135" "5005087" "5184088" "5305109" "5379445" "5382921" "5389979" "5451948" "5471654" "5558097" "5564430" "5680075" "5812025" "5862465" "5963583" "6102859" "6107879" "6175436" "6212244" "6226504" "4249137" "4250459" "4268866" "4285058" "4327371" "4368482" "4371842" ).pn.	USPAT	OR	ON	2007/11/02 19:45
S29	0	S27 & ((second other first) near multiplex\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 19:46
S31	59212	AGC "Automatic Gain Control" (Automatic near gain near control\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/03 13:41
<b>S32</b>	38299	(AGC & gain) "Automatic Gain Control" (Automatic near gain near control\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 19:48
S33	32590	(AGC & gain & Automatic) "Automatic Gain Control" (Automatic near gain near control\$3)	US-PGPUB; USPAT; USOCR	OR ·	ON	2007/11/02 19:48
S34	32567	(AGC & gain & Automatic & control\$3) "Automatic Gain Control" (Automatic near gain near control\$3)	US-PGPUB; USPAT; USOCR	OR	ON .	2007/11/02 19:48
S35	59212	S33 S31 S32 S34	US-PGPUB; USPAT; USOCR	OR .	ON	2007/11/02 19:48
S37 ,	42115	S35 & @ad<"20031117"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 19:50
S38	146	S37 & (first adj multiplex\$3) & (second adj multiplex\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 19:51
S39	108	S37 & (first adj multiplex\$3) & (second adj multiplex\$3) & filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 19:51

S40	. 54	S37 & (first adj multiplex\$3) & (second adj multiplex\$3) & filter & multiplier	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/03 10:23
S41	59212	AGC "Automatic Gain Control" (Automatic near gain near control\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/03 13:42
S42	46	S41 & @ad<"20021118" & (first adj multiplex\$3) & (second adj multiplex\$3) & filter & multiplier	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/03 16:55
S43	6	S41 & @ad<"20021118" & (first adj multiplex\$3) & (second adj multiplex\$3) & filter & multiplier & IIR	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/03 21:42
S55	1	"091133650"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/03 16:47
S56	214	"73/35.05".CCLS. "73/631".CCLS. "73/900".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/03 16:49
S57	402	"342/92".CCLS. "342/392".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/03 16:50
S58	231	"348/255".CCLS. "348/528".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/03 16:50
S59	189	"367/98".CCLS. "367/345".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/03 16:50
S61	112	"379/388.03".CCLS. "379/390.03". CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/03 16:51
S62	2741	"455/136".CCLS. "455/138".CCLS. "455/219".CCLS. "455/239.1".CCLS. "455/240.1".CCLS. "455/245.1". CCLS. "455/247.1".CCLS. "455/250. 1".CCLS. "455/251.1".CCLS. "455/232.1".CCLS. "455/234.1". CCLS.	US-PGPUB; USPAT; USOCR	OR .	ON	2007/11/03 16:54
S63	1076	"375/345".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/03 16:54
S64	4560	S63 S56 S57 S58 S59 S61 S62	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/03 16:55

S65	3	S64 & @ad<"20021118" & (first adj multiplex\$3) & (second adj multiplex\$3) & filter & multiplier	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/03 16:55		
S66	1	S64 & @ad<"20021118" & (first adj multiplex\$3) & (second adj multiplex\$3) & filter & multiplier & IIR	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/03 16:56		
S67	59212	AGC "Automatic Gain Control" (Automatic near gain near control\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/03 21:43		
S68	159	S67 & @ad<"20021118" & multiplier with (input adj signal) with gain	US-PGPUB; USPAT; USOCR	OR .	ON	2007/11/03 21:44		
S69	13	S67 & @ad<"20021118" & multiplier with (input adj signal) with gain with filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 08:01		
S76	59212	AGC "Automatic Gain Control" (Automatic near gain near control\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 08:02		
S83	64	S76 & @ad<"20021118" & (flip-flop with multiplier with output\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 10:36		
584	2	S76 & @ad<"20021118" & (flip-flop with multiplier with output\$3 with gain)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 08:09		
S85	6	S76 & @ad<"20021118" & (DFE with (shift near register))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 09:46		
S86	3	S76 & @ad<"20021118" & (IIR with (shift near register))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 09:44		
S88	21	@ad<"20021118" & (DFE with (shift near register))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 09:47		
·S89	21	@ad<"20021118" & (DFE with (shift near register))S88 not (S85 S86)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 09:46		
S90	4	@ad<"20021118" & (DFE with (shift near register)) & ((two second other) near (shift near register))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 09:54		
S91	0	(@ad<"20021118" )& DFE with ((two second other) near (shift near register))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 09:55		
S92	6180	(@ad<"20021118" ) & ((two second other) near (shift near register))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 09:55		

S93	6	S92 & ((DFE IIR) near3 register)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 09:56
S94	14	S92 & ((DFE IIR) with register)	US-PGPUB; USPAT; USOCR	OR	ÒИ	2007/11/04 09:57
S95	8	S94 not S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/04 09:57
S96	6	(signal?energy (signal adj energy)) with comparator with divider	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 10:42
S97	1	(signal?energy (signal adj energy)) with comparator with divider & S76	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 11:10
S98	2	(signal?energy (signal adj energy)) with comparator with divider & @ad<"20021118"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 11:15
S99	35	quantiz\$4 with comparator with divider & @ad<"20021118"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 10:47
S10 0	1	quantiz\$4 with comparator with divider & @ad<"20021118" & S76	US-PGPUB; USPAT; USOCR	O <sub>R</sub>	ON	2007/11/04 10:47
S10 1	10934	(signal?energy (signal adj energy)) and @ad<"20021118"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 11:15
S10 2	1145	(signal?energy (signal adj energy)) and @ad<"20021118" & S76	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/04 11:27
S10 3	1011	S102 & Noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/04 11:16
S10 4	308	S102 & (Noise with (predetermined threshold))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2007/11/04 11:17

S10 5	25	S102 & (Noise near (predetermined threshold))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/11/04 11:27
S10 6	1	S102 & (Noise near (predetermined threshold)) & (second near gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/04 11:17
S10 9	308	S76 & @ad<"20021118" & (signal?energy)) & (Noise with (predetermined threshold))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/04 11:30
S11 2	. 7	S76 & @ad < "20021118" & (signal?energy (signal adj energy)) & (Noise with (predetermined threshold)) & (second adj gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/04 11:38
S11 3	* 4	S76 & @ad<"20021118" & ((signal?energy (signal adj energy)) with (noise adj level) & (predetermined threshold)) & (second adj gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/04 11:39
S11 4	5	@ad<"20021118" & ((signal?energy (signal adj energy)) with (noise adj level) & (predetermined threshold)) & (second adj gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/04 11:40
S11 6	36	@ad<"20021118" & ((signal?energy (signal adj energy)) & (noise adj level) & (predetermined threshold)) & (second adj gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/04 11:40

S11 7		@ad<"20021118" & ((signal?energy (signal adj energy)) & (noise adj level) & (predetermined threshold)) & (second adj gain) & (time near constant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2007/11/04 11:49
S11 8	0	@ad<"20021118" & ((signal?energy (signal adj energy)) & (noise adj level) & (predetermined threshold)) & (second adj gain) & (second adj "time constant")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/04 11:50

PLUS Search Results for S/N 10714771, Searched Thu Dec 28 09:22:53 EST 2006 The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

4371842 98

4368482 98

PALM INTRANET

Day : Sunday Date: 11/4/2007

Time: 15:05:19

### **Inventor Name Search Result**

Your Search was:

Last Name = CHEN

First Name = YUEH-CHANG

Application#	Patent#	Status	Date Filed	Title	Inventor Name	
08163872	5479527	150	12/08/1993	VARIABLE LENGTH CODING SYSTEM	CHEN, YUEH- CHANG	
08476308	5627917	150	06/07/1995	VARIABLE LENGTH CODING SYSTEM HAVING A ZIG-ZAG FIFO FOR SELECTIVELY STORING EACH DATA COEFFICIENT AND ZERO-RUN COUNT	CHEN, YUEH- CHANG	
08477865	5812701	150	06/07/1995	VARIABLE LENGTH CODING SYSTEM HAVING A ZIG-ZAG MEMORY	CHEN, YUEH- CHANG	
09543007	6665401	150	04/04/2000	METHOD FOR CANCELING ECHO	CHEN, YUEH- CHANG	
10160263	Not Issued	77	06/04/2002	MESSAGE-TYPE DATA COMMUNICATION APPARATUS USED IN A DECT SYSTEM	CHEN, YUEH- CHANG	
10604817	6778112	150	08/19/2003	[ADAPTIVE DECODING METHOD AND APPARATUS FOR FREQUENCY SHIFT KEY SIGNALS]	CHEN, YUEH- CHANG	
10633502	6996218	150	08/05/2003	FSK DECODER FOR CALLER ID	CHEN, YUEH- CHANG	
10714771	Not Issued	30	11/17/2003	Automatic gain controller and controlling method thereof	CHEN, YUEH- CHANG	
10895904	7095846	150	07/22/2004	HALF DUPLEX DEVICE AND SIGNAL PROCESSING METHOD THEREOF	CHEN, YUEH- CHANG	

Inventor Search Completed: No Records to Display.